

AMENDMENT UNDER 37 C.F.R. § 1.111
Application No.: 10/713,256
Atty Docket No.: Q64625

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1. (currently amended): A process for producing zinc oxide particles coated with a metallic soap, ~~characterized in that the process comprises~~ comprising a step of mixing zinc oxide particles with a metallic soap at a temperature equal to or higher than the a melting point of the metallic soap.

Claim 2. (currently amended): Coated zinc oxide particles comprising in which zinc oxide particles and are coated with a metallic soap coated directly on the zinc oxide particles, wherein the coated zinc oxide particles are produced through the process according to claim 1.

Claim 3. (currently amended): Coated zinc oxide particles according to claim 2, wherein the zinc oxide has particles have an average primary particle size of 0.005 to 0.1 μm .

Claim 4. (original): Coated zinc oxide particles according to claim 2 or 3, wherein the metallic soap is a fatty acid salt of at least one metal selected from the group consisting of magnesium, zinc, barium, calcium, and aluminum.

Claim 5. (original): Coated zinc oxide particles according to claim 2 or 3, wherein the metallic soap is a metallic salt of at least one fatty acid selected from the group consisting of lauric acid, myristic acid, palmitic acid, stearic acid, isostearic acid, oleic acid, behenic acid, montanic acid, and derivatives thereof.

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Claim 6. (original): Coated zinc oxide particles according to claim 2 or 3, wherein the metallic soap is at least one species selected from the group consisting of zinc stearate, magnesium stearate, and calcium stearate.

Claim 7. (currently amended): Coated zinc oxide particles ~~according to claim 2 or 3,~~
comprising zinc oxide particles and a metallic soap coated on the zinc oxide particles,

wherein the zinc oxide particles have siloxane bonding on the surfaces thereof, and
the coated zinc oxide particles are produced through the process according to claim 1.

Claim 8. (currently amended): A thermoplastic resin composition comprising at least one thermoplastic resin and coated zinc oxide particles according to claim 2 or ~~3-7~~.

Claim 9. (currently amended): A thermoplastic resin composition according to claim 8,
~~which assumes wherein the thermoplastic resin composition is in the a~~ form of a compound or a
masterbatch.

Claim 10. (currently amended): A thermoplastic resin composition according to claim 8,
wherein a mass percentage of the an amount of the zinc oxide particles to the whole
thermoplastic resin composition falls within a range of 0.01 to 80 mass % ~~on the basis of the~~
~~entirety of the composition.~~

Claim 11. (original): A molded product formed through molding of a thermoplastic resin composition according to claim 8.

Claim 12. (currently amended): A molded product according to 11, ~~which~~ wherein the
molded product is in a form of at least one species selected from among fiber, film, and plastic molded products.

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Claim 13. (currently amended): A process for producing a thermoplastic resin composition, the process comprising a step of adding coated zinc oxide particles according to claim 2 or ~~3~~7 to a thermoplastic resin.

Claim 14. (original): A process for producing a molded product, the process comprising a step of molding a thermoplastic resin composition according to claim 8.